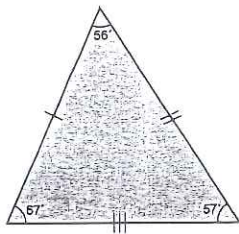**Homework 5/20**

Directions: Complete the review.

1) Draw the next term in the pattern

2) Kayla's family eats 6.4 pounds of cereal each week. How many pounds of cereal will Kayla's family eat in a year? (52 weeks in a year) _____

3) Britney's milkshakes recipe calls for 5/6 of a scoop of ice cream and Tyler's recipe calls for ½ of a scoop. How many more scoops of ice cream are used in Britney's recipe than in Tyler's? _____

4) $5 - (8 \div 2) + 8 \times 3 =$ _____

5) What type of triangle is this based of side lengths and angles? _____

Functions

Directions:

Determine which rule best represents the expression the function machine used.

1)

Input (V)	10	8	5	2	3
Output	13	11	8	5	6

A. V + 3   B. V × 5 - 4

C. V + 4   D. V × 6 + 4

2)

Input (Y)	10	6	7	4	9
Output	40	24	28	16	36

A. Y × 4   B. Y + 4

C. Y × 4 + 11   D. Y × 8 + 9

3)

Input (N)	3	6	7	10	5
Output	16	37	44	65	30

A. N × 7 - 5   B. N × 7 - 7

C. N × 12 + 5   D. N × 7 + 8

4)

Input (P)	7	5	9	8	3
Output	12	10	14	13	8

A. P × 8   B. P + 5

C. P × 5   D. P × 9 + 8

5)

Input (R)	2	5	4	6	7
Output	6	27	20	34	41

A. R × 10 + 8   B. R × 7 - 9

C. R × 7 - 8   D. R + 8